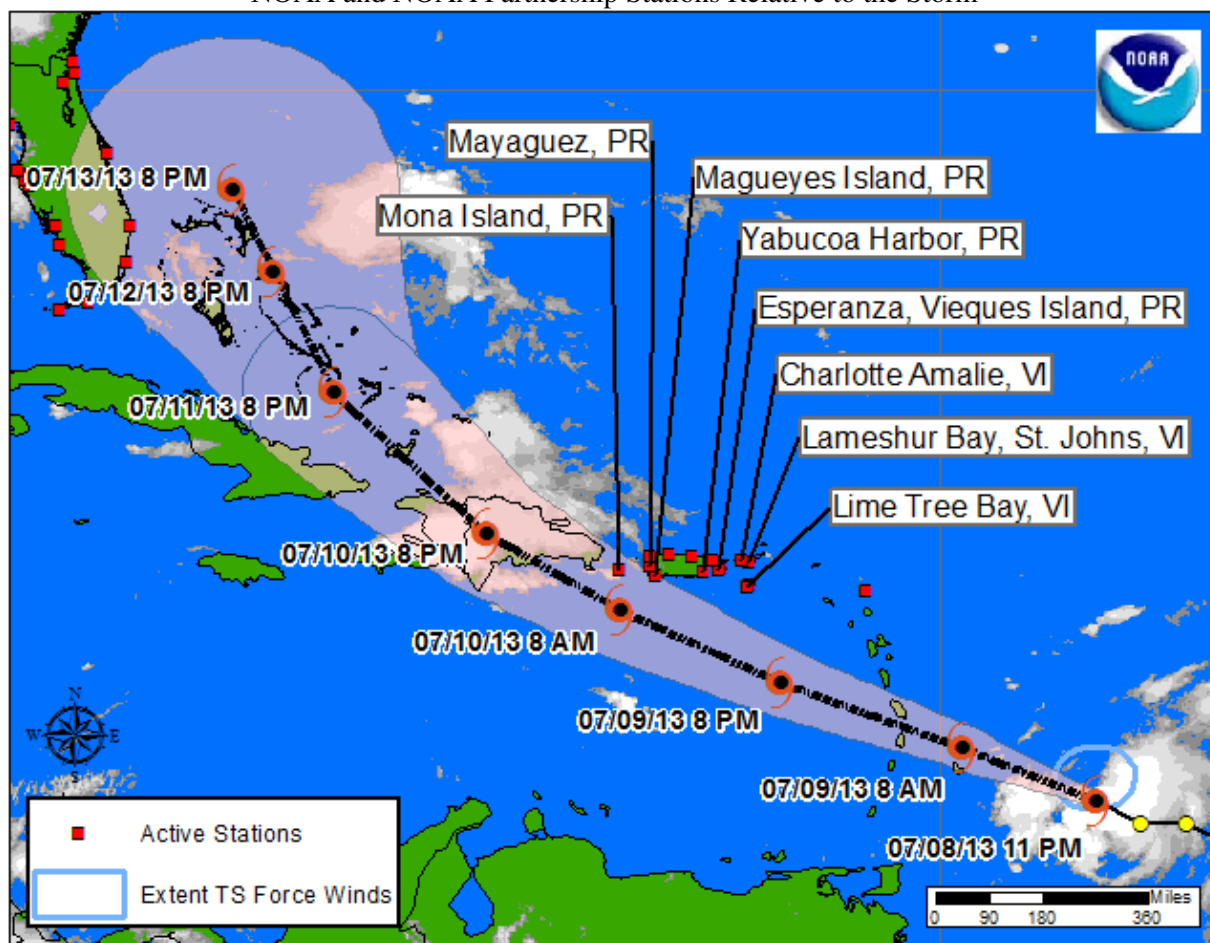


Tropical Storm CHANTAL QuickLook, POSTED 00:00 AST 07/09/2013



Tropical Storm CHANTAL QuickLook
Posted: 00:00 AST 07/09/2013

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 07/09/2013 00:00 AST, water levels in the U.S. Virgin Islands and Puerto Rico are at or near predicted tide levels. Winds are light and steady across the region, while barometric pressure is slowly increasing.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water are:

Lameshur Bay, St. John, VI: Next predicted high tides are 0.9 ft (0.26 m) at 07/09/2013 22:31 AST and 0.8 ft (0.26 m) at 07/10/2013 22:55 AST.

Lime Tree Bay, VI: Next predicted high tides are 0.7 ft (0.23 m) at 07/09/2013 23:11 AST and 0.7 ft (0.22 m) at 07/10/2013 23:18 AST.

Tropical Storm CHANTAL QuickLook, POSTED 00:00 AST 07/09/2013

Charlotte Amalie, VI: Next predicted high tides are 0.8 ft (0.25 m) at 07/09/2013 22:35 AST and 0.8 ft (0.25 m) at 07/10/2013 22:56 AST.

Esperanza, Vieques Island, PR: Next predicted high tides are 0.8 ft (0.24 m) at 07/09/2013 22:20 AST and 0.8 ft (0.23 m) at 07/10/2013 22:34 AST.

Yabucoa Harbor, PR: Next predicted high tides are 0.7 ft (0.20 m) at 07/09/2013 22:31 AST and 0.6 ft (0.19 m) at 07/10/2013 22:37 AST.

Magueyes Island, PR: Next predicted high tides are 0.7 ft (0.22 m) at 07/09/2013 23:11 AST and 0.7 ft (0.21 m) at 07/10/2013 23:23 AST.

Mayaguez, PR: Next predicted high tides are 0.8 ft (0.25 m) at 07/09/2013 09:15 AST and 1.3 ft (0.41 m) at 07/09/2013 22:05 AST.

Mona Island, PR: Next predicted high tides are 0.9 ft (0.26 m) at 07/09/2013 21:54 AST and 0.8 ft (0.26 m) at 07/10/2013 22:22 AST.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:TKM

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM CHANTAL ADVISORY NUMBER 5
1100 PM AST MON JUL 08 2013

...CHANTAL RACING TOWARD THE LESSER ANTILLES...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

THE GOVERNMENT OF THE DOMINICAN REPUBLIC HAS REPLACED THE TROPICAL STORM WATCH WITH A TROPICAL STORM WARNING FROM CABO ENGANO TO THE BORDER WITH HAITI. A TROPICAL STORM WATCH HAS BEEN ISSUED FOR THE NORTHERN COAST OF HAITI FROM NORTH OF CABO ENGANO TO CABO FRANCES VIEJO.

A TROPICAL STORM WATCH HAS BEEN ISSUED FOR HAITI.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

- * BARBADOS
- * DOMINICA
- * ST. LUCIA
- * MARTINIQUE

- * GUADELOUPE
- * PUERTO RICO
- * SOUTHERN COAST OF THE DOMINICAN REPUBLIC FROM CABO ENGANO TO THE BORDER WITH HAITI

A TROPICAL STORM WATCH IS IN EFFECT FOR...

- * ST. VINCENT
- * U.S. VIRGIN ISLANDS
- * VIEQUES AND CULEBRA
- * NORTHERN COAST OF THE DOMINICAN REPUBLIC FROM NORTH OF CABO ENGANO TO CABO FRANCES VIEJO

INTERESTS IN THE REMAINDER OF THE NORTHERN LEEWARD ISLANDS...THE SOUTHEASTERN BAHAMAS AND TURKS AND CAICOS SHOULD MONITOR THE PROGRESS OF CHANTAL.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1100 PM AST...0300 UTC...THE CENTER OF TROPICAL STORM CHANTAL WAS LOCATED NEAR LATITUDE 12.4 NORTH...LONGITUDE 56.1 WEST. CHANTAL IS MOVING TOWARD THE WEST-NORTHWEST NEAR 26 MPH...43 KM/H...AND THIS GENERAL MOTION IS EXPECTED TO CONTINUE FOR THE NEXT COUPLE OF DAYS. ON THE FORECAST TRACK...THE CENTER OF CHANTAL WILL MOVE THROUGH THE LESSER ANTILLES EARLY TUESDAY...MOVE INTO THE EASTERN CARIBBEAN SEA LATER ON TUESDAY...AND BE NEAR THE DOMINICAN REPUBLIC ON WEDNESDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 50 MPH...85 KM/H...WITH HIGHER GUSTS. SOME STRENGTHENING IS FORECAST DURING THE NEXT 48 HOURS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 90 MILES...150 KM...MAINLY TO THE NORTH OF THE CENTER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 1010 MB...29.83 INCHES.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED TO REACH PORTIONS OF THE WINDWARD ISLANDS BY TUESDAY MORNING...AND REACH PUERTO RICO TUESDAY NIGHT OR EARLY WEDNESDAY. TROPICAL STORM CONDITIONS ARE EXPECTED TO REACH THE SOUTHEASTERN PORTION OF THE DOMINICAN REPUBLIC BY WEDNESDAY MORNING. TROPICAL STORM CONDITIONS ARE POSSIBLE IN HAITI BY LATE WEDNESDAY.

STORM SURGE...A STORM SURGE WILL RAISE WATER LEVELS BY AS MUCH AS 1 TO 3 FEET ABOVE NORMAL TIDE LEVELS IN THE LEEWARD ISLANDS...WINDWARD ISLANDS...AND PUERTO RICO. A STORM SURGE WILL ALSO RAISE

WATER LEVELS BY AS MUCH AS 2 TO 4 FEET ABOVE NORMAL TIDE LEVELS
ALONG THE SOUTHERN COAST OF THE DOMINICAN REPUBLIC. NEAR THE
COAST...THE SURGE WILL BE ACCOMPANIED BY DANGEROUS WAVES.

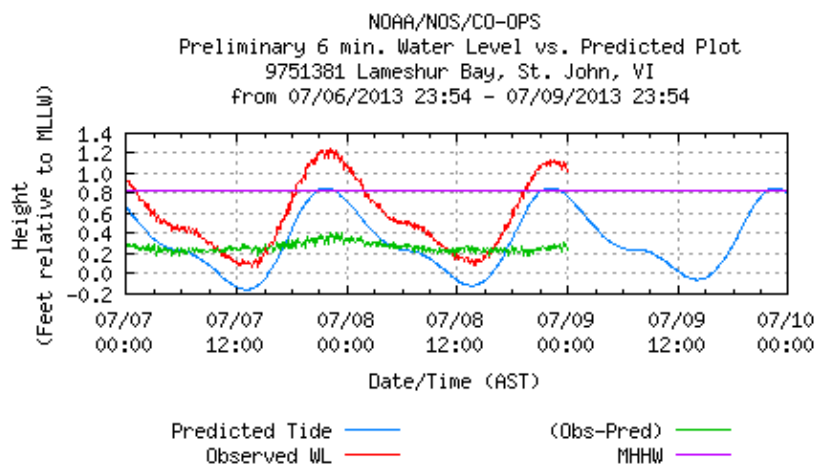
RAINFALL...CHANTAL IS EXPECTED TO PRODUCE RAIN ACCUMULATIONS OF
2 TO 4 INCHES OVER THE LEEWARD AND WINDWARD ISLANDS...PUERTO RICO
AND THE U.S. VIRGIN ISLANDS...AND PORTIONS OF THE DOMINICAN
REPUBLIC AND HAITI...WITH MAXIMUM AMOUNTS OF 6 INCHES POSSIBLE.

FORECASTER BROWN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS
Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to
NOS verification.

Jump to: [Lameshur Bay, St. John - Water Level](#), [Lameshur Bay, St. John - Barometric](#), [Lime Tree Bay -
Water Level](#), [Lime Tree Bay - Winds](#), [Lime Tree Bay - Barometric](#), [Charlotte Amalie - Water Level](#),
[Charlotte Amalie - Winds](#), [Charlotte Amalie - Barometric](#), [Esperanza, Vieques Island - Water Level](#),
[Esperanza, Vieques Island - Winds](#), [Esperanza, Vieques Island - Barometric](#), [Yabucoa Harbor - Water Level](#),
[Magueyes Island - Water Level](#), [Magueyes Island - Winds](#), [Magueyes Island - Barometric](#), [Mayaguez - Water
Level](#), [Mayaguez - Winds](#), [Mayaguez - Barometric](#), [Mona Island - Water Level](#), [Mona Island - Barometric](#)

Lameshur Bay, St. John, VI - Return to List

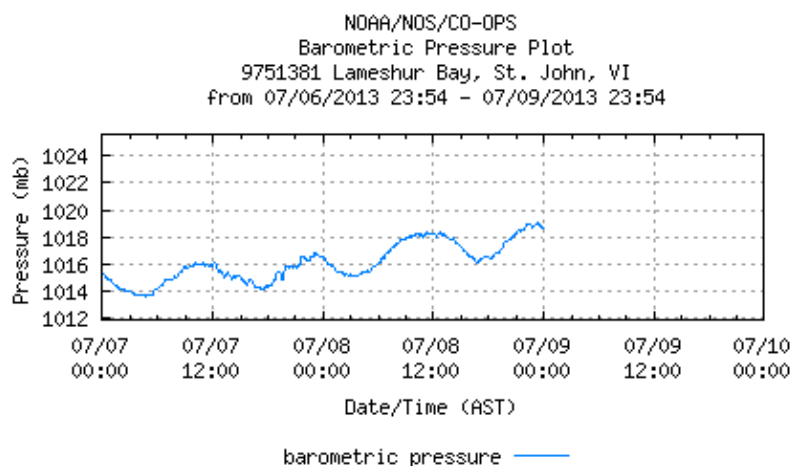


Last Observed Sample: 07/08/2013 23:54 (AST)

Relative to MLLW: **Observed: 1.01 ft.** **Predicted: 0.78 ft.** **Residual: 0.23 ft.**

Historical Maximum Water Level: Aug 30 2010, 1.71 ft. above MLLW

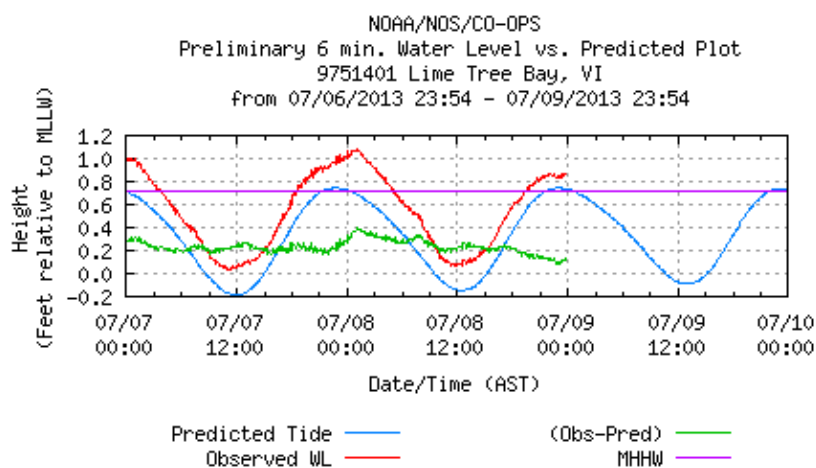
Lameshur Bay, St. John, VI - Return to List



Last Observed Sample: 07/08/2013 23:54 (AST)

Barometric Pressure: 1018.7 mb

Lime Tree Bay, VI - Return to List

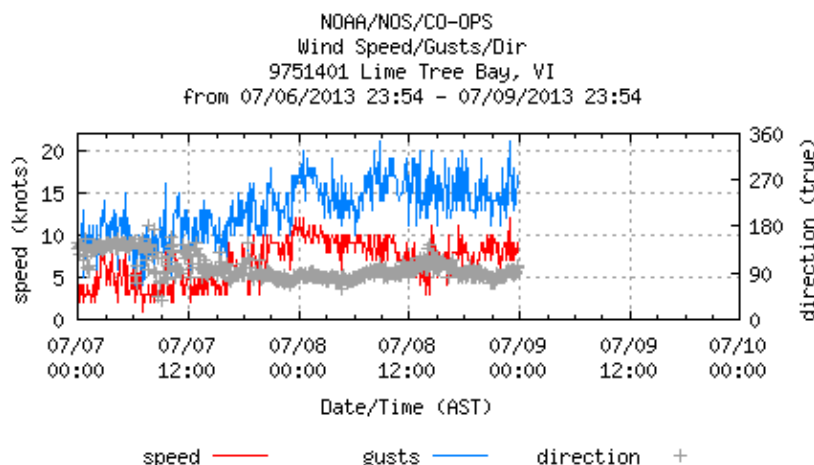


Last Observed Sample: 07/08/2013 23:48 (AST)

Relative to MLLW: **Observed: 0.87 ft.** **Predicted: 0.74 ft.** **Residual: 0.13 ft.**

Historical Maximum Water Level: Nov 17 1999, 2.59 ft. above MLLW

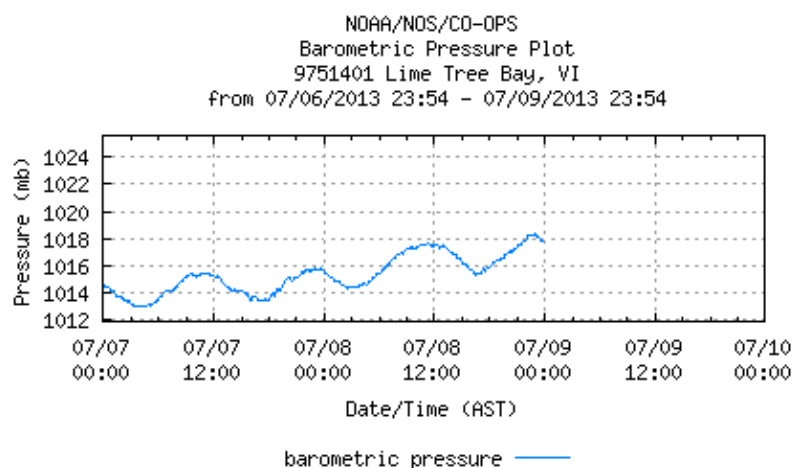
Lime Tree Bay, VI - Return to List



Last Observed Sample: 07/09/2013 00:00 (AST)

Wind Speed: 10 knots **Gusts: 16 knots** **Direction: 110° T**

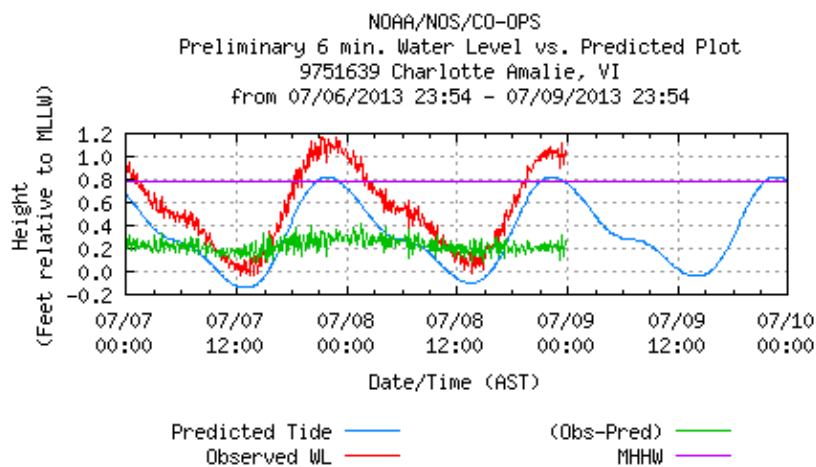
Lime Tree Bay, VI - Return to List



Last Observed Sample: 07/09/2013 00:00 (AST)

Barometric Pressure: 1017.8 mb

Charlotte Amalie, VI - Return to List

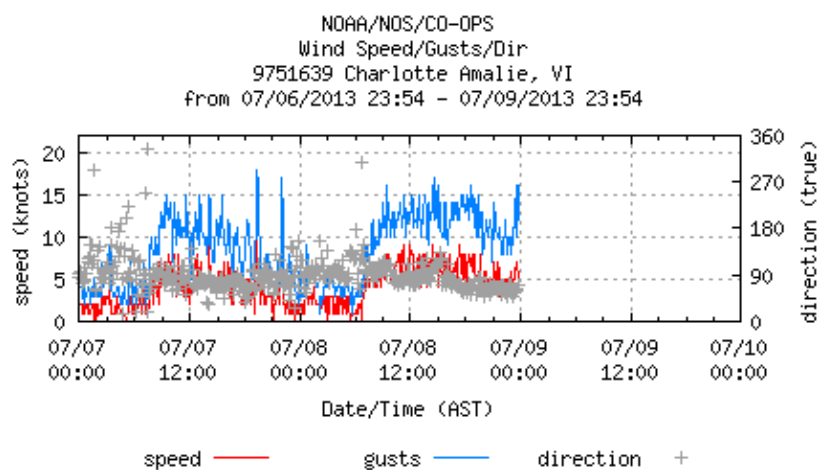


Last Observed Sample: 07/09/2013 00:00 (AST)

Relative to MLLW: Observed: 0.96 ft. Predicted: 0.76 ft. Residual: 0.20 ft.

Historical Maximum Water Level: Sep 16 1995, 3.72 ft. above MLLW

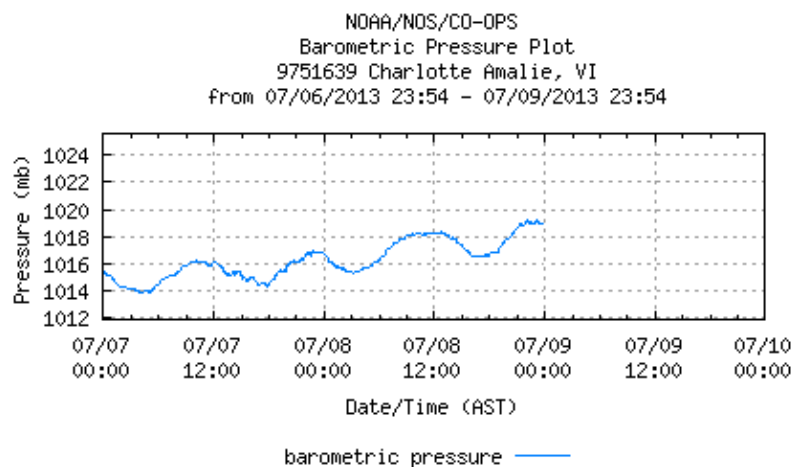
Charlotte Amalie, VI - Return to List



Last Observed Sample: 07/09/2013 00:00 (AST)

Wind Speed: 4 knots Gusts: 10 knots Direction: 73° T

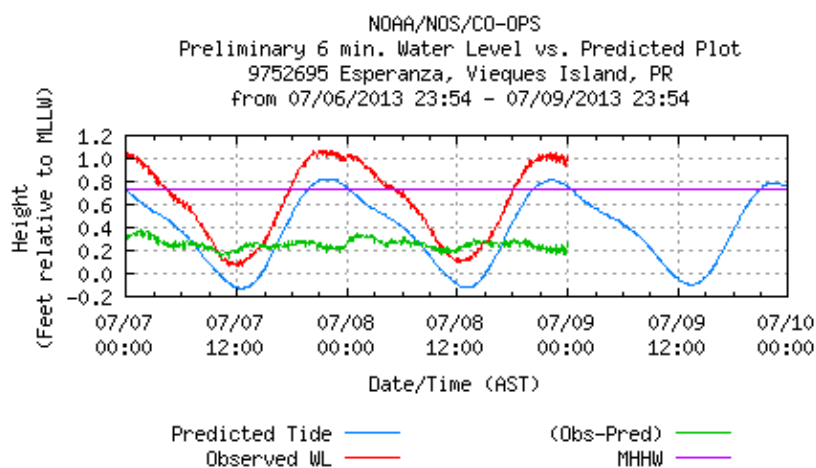
Charlotte Amalie, VI - Return to List



Last Observed Sample: 07/09/2013 00:00 (AST)

Barometric Pressure: 1018.8 mb

Esperanza, Vieques Island, PR - Return to List

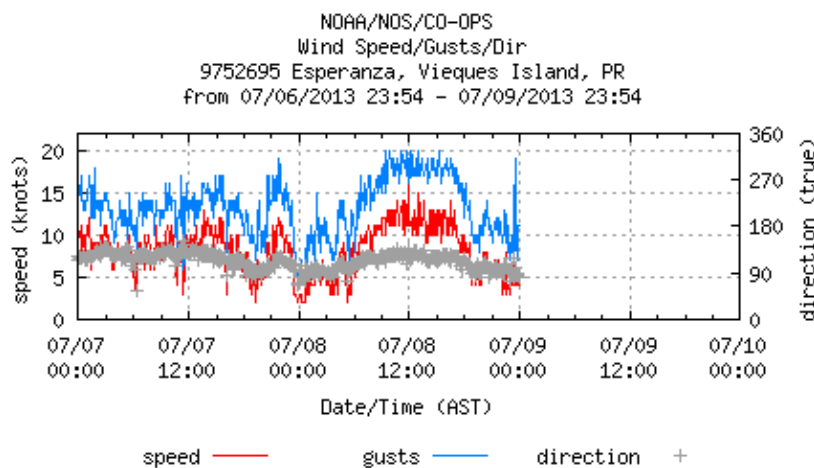


Last Observed Sample: 07/08/2013 23:54 (AST)

Relative to MLLW: **Observed: 1.02 ft.** **Predicted: 0.76 ft.** **Residual: 0.26 ft.**

Historical Maximum Water Level: Aug 22 2011, 1.78 ft. above MLLW

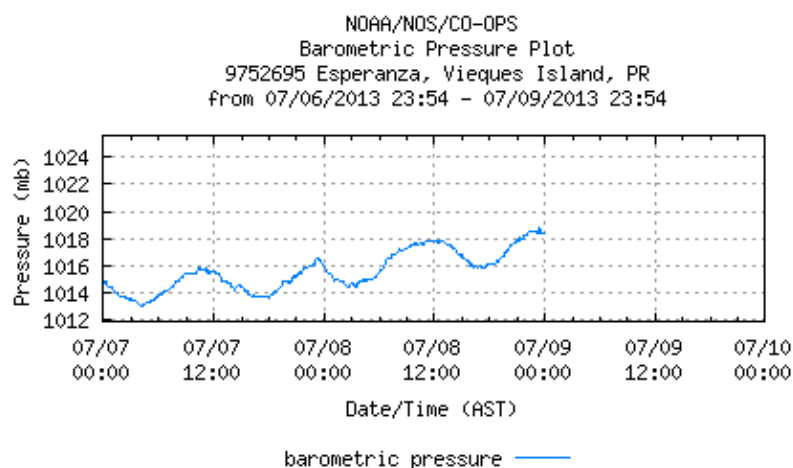
Esperanza, Vieques Island, PR - Return to List



Last Observed Sample: 07/09/2013 00:06 (AST)

Wind Speed: 4 knots **Gusts: 10 knots** **Direction: 84° T**

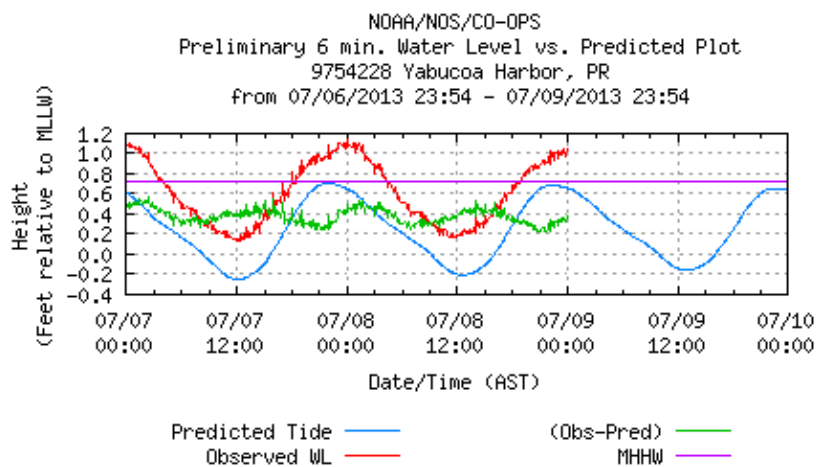
Esperanza, Vieques Island, PR - Return to List



Last Observed Sample: 07/09/2013 00:06 (AST)

Barometric Pressure: 1018.3 mb

Yabucoa Harbor, PR - Return to List

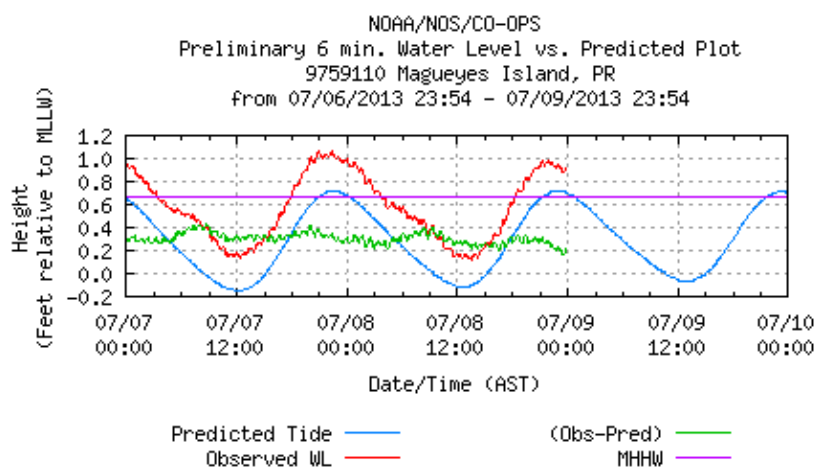


Last Observed Sample: 07/08/2013 23:54 (AST)

Relative to MLLW: Observed: 1.04 ft. Predicted: 0.66 ft. Residual: 0.38 ft.

Historical Maximum Water Level: n/a

Magueyes Island, PR - Return to List

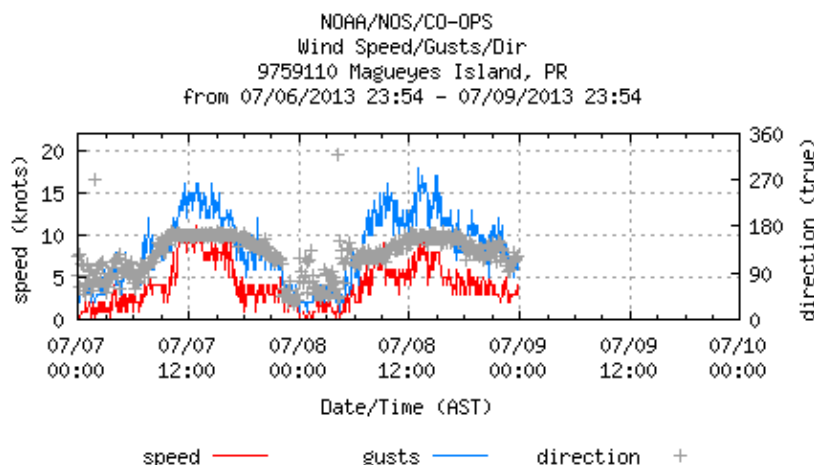


Last Observed Sample: 07/08/2013 23:48 (AST)

Relative to MLLW: **Observed: 0.92 ft.** **Predicted: 0.70 ft.** **Residual: 0.22 ft.**

Historical Maximum Water Level: Sep 22 1998, 2.26 ft. above MLLW

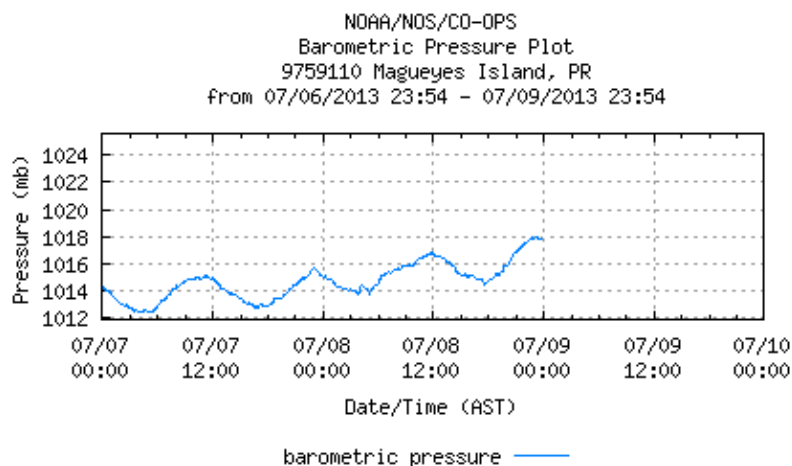
Magueyes Island, PR - Return to List



Last Observed Sample: 07/08/2013 23:48 (AST)

Wind Speed: 3 knots **Gusts: 7 knots** **Direction: 122° T**

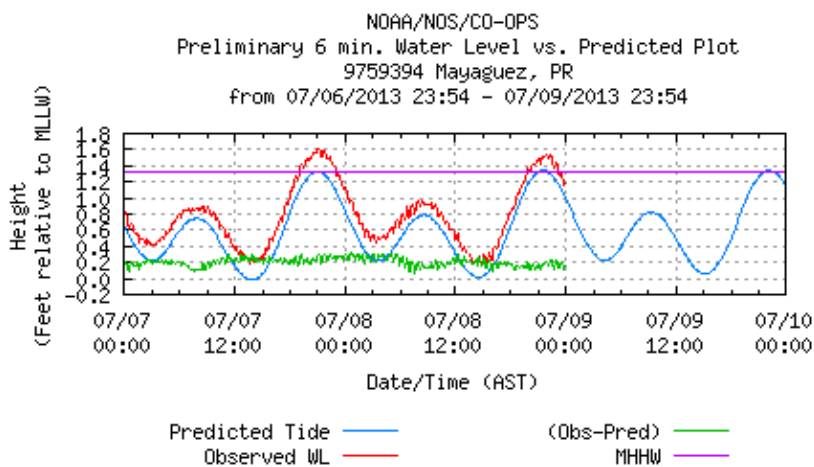
Magueyes Island, PR - Return to List



Last Observed Sample: 07/08/2013 23:48 (AST)

Barometric Pressure: 1017.8 mb

Mayaguez, PR - Return to List

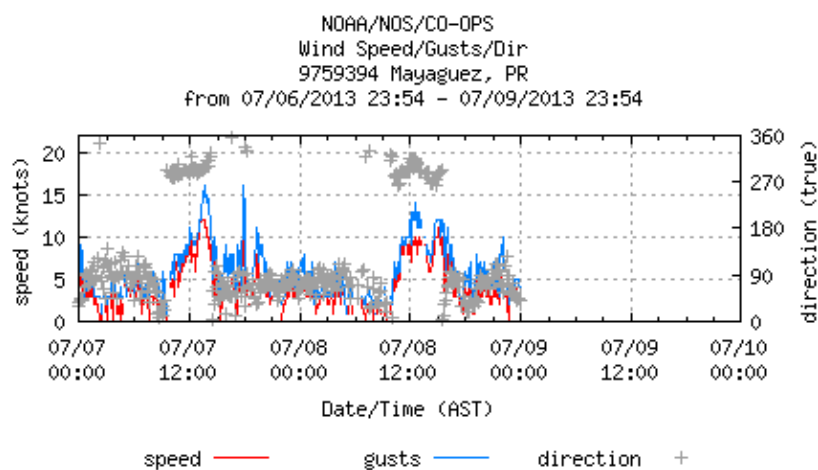


Last Observed Sample: 07/08/2013 23:54 (AST)

Relative to MLLW: **Observed: 1.17 ft.** **Predicted: 1.02 ft.** **Residual: 0.15 ft.**

Historical Maximum Water Level: Jul 13 2010, 2.17 ft. above MLLW

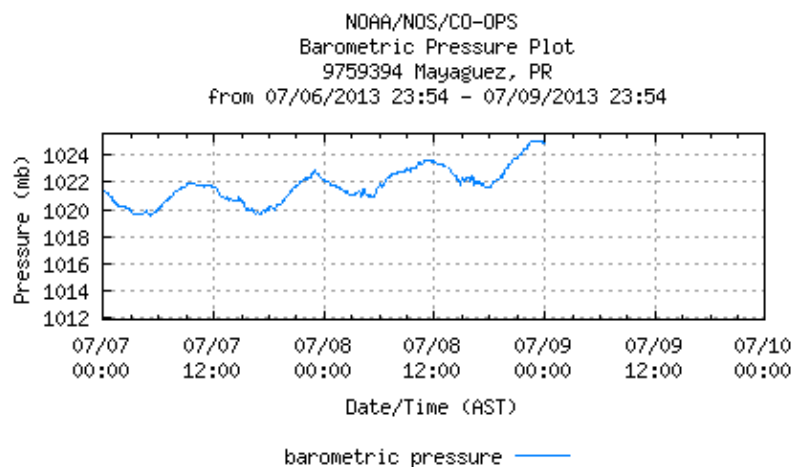
Mayaguez, PR - Return to List



Last Observed Sample: 07/08/2013 23:54 (AST)

Wind Speed: 2 knots Gusts: 4 knots Direction: 42° T

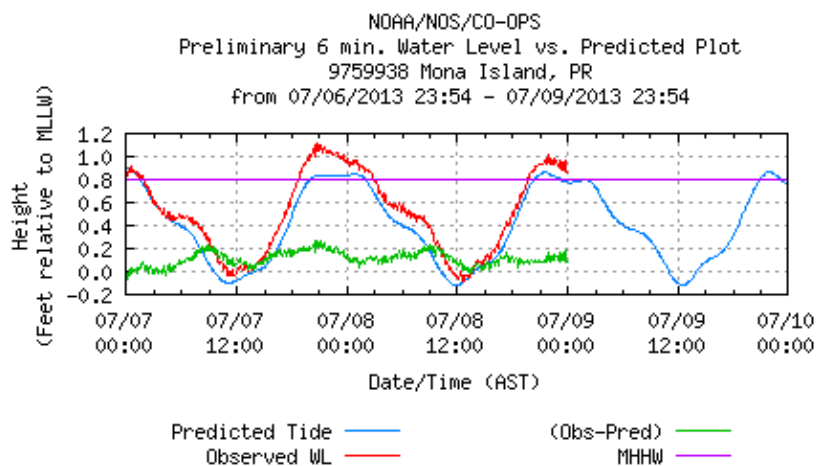
Mayaguez, PR - Return to List



Last Observed Sample: 07/08/2013 23:54 (AST)

Barometric Pressure: 1024.9 mb

[Mona Island, PR - Return to List](#)

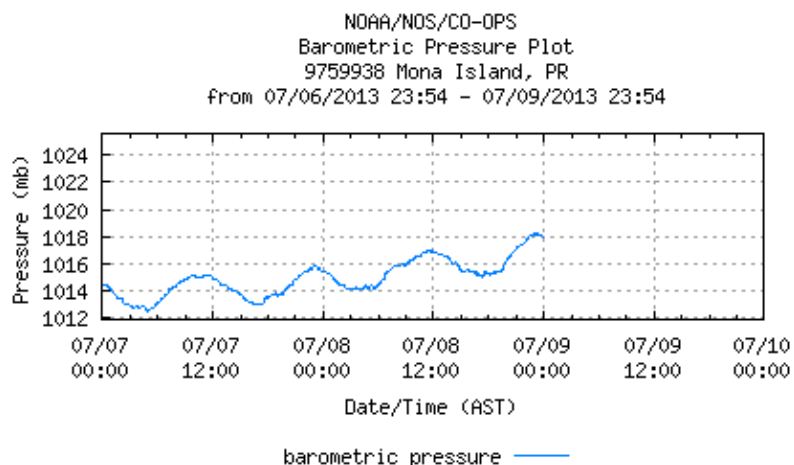


Last Observed Sample: 07/08/2013 23:54 (AST)

Relative to MLLW: **Observed: 0.86 ft.** **Predicted: 0.78 ft.** **Residual: 0.08 ft.**

Historical Maximum Water Level: Dec 23 2010, 2.06 ft. above MLLW

[Mona Island, PR - Return to List](#)



Last Observed Sample: 07/08/2013 23:54 (AST)

Barometric Pressure: 1018.0 mb